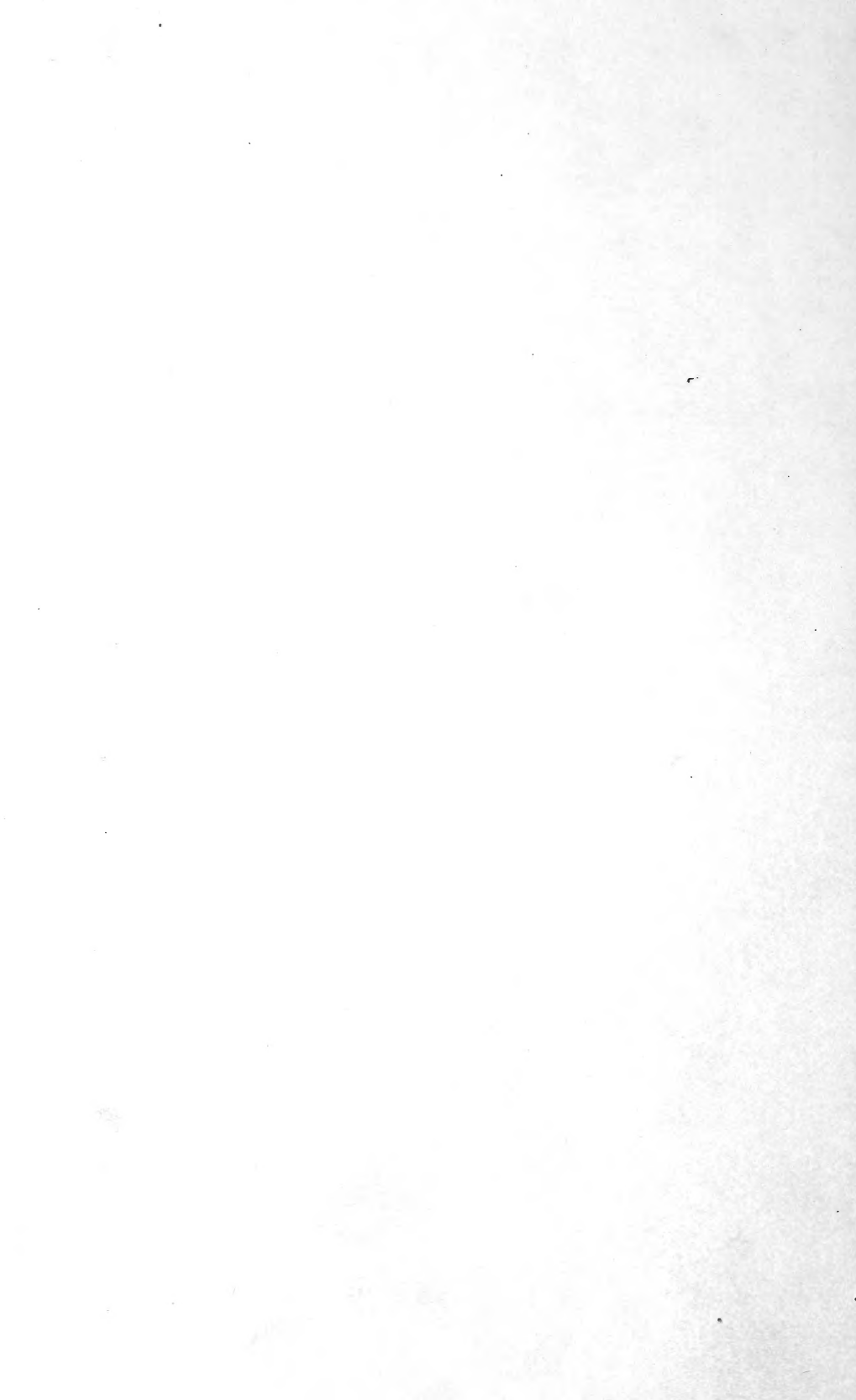


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CATALOGUE

OF

Phylloxera-Resisting American Grapes



California

Nursery

Company



1901 - 1902



NILES, CALIFORNIA.

MEYER PRINTING
COMPANY . . .
415 MARKET ST.
SAN FRANCISCO .

TO CORRESPONDENTS

1st. All orders should be sent in as early as possible.

2d. Orders should be legibly written out on a separate sheet and not mixed up in the body of the letter, thereby saving us a great deal of trouble, and tending to prevent mistakes.

3d. Plants are carefully labeled, and securely packed in the best manner, for which a moderate charge, sufficient to cover cost of material only, will be made; but no charge is made for the delivery of packages at the railroad or express offices at Niles.

4th. It is requested that explicit directions for marking and shipping packages accompany each order. When it is left for us to choose the mode of conveyance, we will exercise our best judgment; but as all articles are at the risk of the purchaser after being shipped, we must not be held responsible for any loss or delay that may occur through the negligence of the forwarders.

5th. Our customers are requested to notify us immediately of any errors that may be committed in filling their orders, so that we may at once rectify the same, as we desire to conduct our business in all respects satisfactorily to those who favor us with their confidence.

6th. Orders from unknown correspondents *must* be accompanied by the cash, or satisfactory reference. Orders to be sent C. O. D. *must* be accompanied by at least one-half the amount in cash; otherwise, they will receive no attention.

7th. Remittances may be made by draft on San Francisco, Wells, Fargo & Company's and postoffice money orders on Niles, or cash by express, prepaid.

All communications to be addressed to

CALIFORNIA NURSERY COMPANY,

JOHN ROCK, Manager,

NILES, CALIFORNIA.

REMARKS.

We take pleasure in submitting herewith to our friends and the public in general, our price-list for the coming season, on Phylloxera-resisting American-rooted Vines. We are grateful for the liberal patronage which we have enjoyed in the past and return sincere thanks to our numerous customers. From those who have not dealt with us heretofore, we solicit at least a trial order. A cordial invitation is extended to all to visit our grounds, whether as intending purchasers or otherwise.

To reach our Nursery from San Francisco, take the broad-gauge ferry boat for Oakland, leaving at 8:00, 8:30 and 9:00 A. M., and 3:30, 4:00, 4:30 and 6:00 P. M. These make close connections with through trains direct to Niles. From Sacramento and all points centering there, the train leaving at 10:25 A. M. for San Francisco, via Lathrop, Tracy, Livermore, etc., should be taken. From San Jose and its southern connections, trains leaving at 5:45, 6:15 and 9:20 A. M., and 12:35 and 4:35 P. M.

Very Respectfully,

CALIFORNIA NURSERY COMPANY.

WM. J. LANDERS, President,	H. W. MEEK, Vice-President,
JOHN H. HENN, Secretary,	CENTRAL BANK, Oakland, Treasurer,
JOHN ROCK, Manager.	

DIRECTORS:

WM. J. LANDERS,	JOHN H. HENN,	E. E. USLAR,
A. C. HAMMOND, JR.,	E. B. STONE,	W. G. PALMANTEER,
	H. W. MEEK.	

Phylloxera-Resisting American Vines.

Resistant Vines are now being generally planted in all parts where phylloxera has made its appearance. The progress of this pernicious insect has been slow in California, but wherever it has appeared, it has been found necessary to graft on Resistant stocks. Only in isolated districts where phylloxera is not likely to reach, is it safe to plant the European grapes on their own roots. The great value of Resistant stock may be judged from the fact that since the almost total destruction of the vines of France, that country has replanted its vineyards with Resistant stocks, and now possesses about two million acres of vines grafted on Phylloxera-Resisting roots. The yield of wine in France which once had dwindled down to an insignificant figure, has in consequence increased to such an extent, that it is now several million gallons greater than it was before the advent of the phylloxera. In California the use of Resistant stocks has proven as great a success as in France.

The Resistant stock has a most beneficial influence on the graft. Not only does it enable us to grow the delicate European grapes in phylloxera-infested districts, but it causes the grapes to mature earlier than they would on their own roots, the yield is greater, while the quality is in no way injured, but in some instances even improved. Experience has shown that different localities and soils require different varieties of Resistant stocks, in order that the best results may be had. Thus, hillsides which are dry, require different vines from hillsides which are wet, dry soils different from wet bottom lands, and calcareous soils, different vines from those poor in lime.

We have for years made a special study of Resistant stocks, profiting both from the experience of the Vineyardists in France, as well as from the California growers. The varieties which we now offer are selected from the choicest found in France. They have all been successfully grown in our Nurseries and can be relied on to do well, if planted in soils suitable to their nature. All these varieties may be used as stocks for grafting, while some may be used also as direct producers.

Varieties of Resisting Vines Suitable to Certain Soils.

For moist, rich and mellow soils. Riparia, Riparia a grandes feuilles, Riparia Gloire de Montpellier.

For soils containing salt and alkali, such as bottom lands annually flooded, etc. Solonis, Solonis Robusta, Solonis X Othello.

For moist lands, but which are not of the first quality. Solonis X Riparia No. 1616, Solonis Robusta, Solonis and its varieties, Aramon X Rupestris Ganzin No. 1, Morvedre X Rupestris No. 1202, Berlandieri X Riparia No. 420 A, Hybrid Franc.

For dry and gravelly soils. Rupestris Martin, Rupestris St. George, Aramon X Rupestris Ganzin No. 2, Rupestris Metallica, Rupestris

Mission, Berlandieri X Rupestris No. 219, Berlandieri X Rupestris No. 301 A, Hybrid Franc, Monticola X Rupestris, Champini, Riparia X Rupestris Martin No. 3309.

For heavy, compact soils. Rupestris St. George, Aramon X Rupestris Ganzin No. 2, Bourisquou X Rupestris No. 601, Morvedre X Rupestris No. 1202.

For calcareous and chalky soils. Berlandieri X Rupestris No. 219 A, Riparia X Rupestris 101-14, Riparia X Rupestris No. 3306, Rupestris St. George, Morvedre X Rupestris No. 1202, Aramon X Rupestris Ganzin No. 1, Riparia X Rupestris No. 3309, Monticola X Rupestris.

ROOTED VINES

The vines here offered are all rooted and well-grown plants, having made an unusually strong growth this past summer. We have after each variety designated the size or length of cutting at time they were planted. These cuttings were all selected with great care, and thoroughly fumigated before being set out. We have, during the past year, erected here on our grounds, one of the most complete Fumigating Houses on the Pacific Coast (and believe it to be the only one West of the Rockies). All vines shipped by us will receive a thorough fumigation with hydro-cyanic acid gas before being sent out, unless we are specially requested not to do so. The Vines offered are all one-year-old plants, except where noted. We have the following sorts in strong two-year-old plants: Riparia, Riparia a grandes feuilles, Riparia Gloire de Montpellier, Rupestris St. George, Solonis and Solonis Robusta. These Vines being large in diameter, can all be grafted the year after being set out. Prices on two-year-old vines will be given on application.

Very Respectfully,

CALIFORNIA NURSERY COMPANY.

Alicante x Rupestris No. 20.

A hybrid between the well-known Alicante and the resistant Rupestris. Fertile and resistant to phylloxera even in calcareous soils. Bunch and fruit small, but abundant. Grapes black. Gives a good wine, dark and rich. Matures early. A fine grower and very suitable as a stock for grafting. Size of cuttings, 8 inches, Price: 75 cents each.

Aramon x Rupestris-Ganzin No. 1.

All growers admit that this variety is one of the most vigorous, as well as one of the most resistant to the phylloxera. It is valuable for all soils of a calcareous-clay nature, and for all alluvial soils underlaid by an impenetrable, hard sub-soil. Requires a somewhat moist soil. In dry soil the following variety is preferable. Does well on hillsides. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Aramon x Rupestris-Ganzin No. 2.

In all arid and sandy soils this variety is preferable to the preceding. In such soils, as well as in compact clays, it supports the graft well. Of vigorous growth. Should not be planted in moist soils, but does well on hillsides. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Berlandieri x Rupestris No. 219 A.

One of the best-known of the *Berlandieri* hybrids. Very vigorous and resistant to phylloxera. Leaves are large, broader than long, smooth on the upper surface. Thrives well in dry soils. Makes a perfect union with the graft. The roots are strong and branching and strike deeply into the ground. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Berlandieri x Rupestris No. 301 A.

A vigorous hybrid which resists both the phylloxera and chlorosis. The roots are large, with a tendency to strike deep and thus to reach moisture. Very suitable in dry, rocky and gravelly soils. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Berlandieri x Riparia No. 420 A.

This hybrid, though yet rare, is one of the most promising and can be recommended for extensive culture. It is vigorous and hardy, and, partaking of the *Berlandieri* characteristics, it withstands both drying winds, and the drying up of the soils. The *Berlandieri x Riparia* hybrids are recommended for bottom lands with deep soil, or for mesa lands where the soils are heavily charged with moisture during the spring, but which dry out during the summer and fall. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Bourisquou x Rupestris No. 601.

Very fertile; bunches and fruit large and may be used as a direct bearer. It does well in heavy clay soils. Supports the graft well and makes a good union. Ripens late. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Champini, or Rupestris x Candicans.

An interesting hybrid between the two species, *Rupestris* and *Candicans*, but partaking more of the characteristics of *Candicans*. Does well in dry soils, but its resistance to phylloxera requires more study. Size of cuttings, 14 inches. Price: each, 25 cents; per 10, \$1.50; per 100, \$6.00.

Clairette doree Ganzin.

A hybrid between *Clairette* and *Rupestris*. It is very fertile, with oblong, shouldered bunches. Fruit golden yellow with small black points. May be used as a direct bearer as well as stock for grafting. Size of cuttings, 8 inches. Price: each, 75 cents.

Cabernet x Berlandieri No. 333. (Tisserand)

This hybrid between *Cabernet* and *Berlandieri* is said to have a resistance similar to that of *Riparia*. It is used especially in lime soils of an extreme chalky nature, and resists more the chlorosis than any of the purely resistant stocks of the *Americo-American* hybrids. May be used as a direct bearer, but is generally planted for stock. Size of cuttings, 8 inches. Price: each, 75 cents.

Gamay x Couderc (Columbeau x Rupestris No. 3103.)

A fertile and phylloxera-resisting hybrid. Suitable also on chalky and lime soils. Bunches large, shouldered, fruit black. Suitable for stock, as well as for direct bearing. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Hybride Franc.

This splendid hybrid between Cabernet Sauvignon and Rupestris is one of the best hybrids so far produced between a resistant stock and an Asiatic grape. It may be used both as a direct bearer and as a stock for grafting. It is especially adapted to dry, calcareous soils. It produces a fine, dark-colored wine of very good quality. The originator, M. Franc, was honored by being made a Chevallier by the French Minister of Agriculture, as a token of the benefits to be derived by France from the production of this fine grape. It is the only hybrid between resistant varieties and the Vinifera which in France has given promise of any great future. It has fruited in several places in California as well as with us. It is very productive, has small bunches, berries medium size, thin skin, of an intensely deep black color and prominent flavor. It is entirely resistant to phylloxera and chlorosis. Gives good results in nearly all kinds of soils. Size of cuttings, 14 inches. Price: each, 50 cents; per 10, \$2.50.

Hybride Seibel No. 1.

A hybrid between Alicante and Rupestris. A vigorous grower and heavy bearer. Bunches shouldered and large. Berries medium in size. Black. Gives a fair quality of wine from its grapes and is one of the few hybrids which are not deficient in sugar. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Hybride Seibel No. 2.

A hybrid between the Vinifera Cinsault and the resistant Rupestris. Very fertile with large, shouldered bunches. Berries medium in size, of a black color. Used as a direct bearer. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Lenoir.

This old-established variety is by Prof. Munson considered as belonging to the Vinifera class, though other good judges of classification hold it to be an American species, or at least an American hybrid. It withstands the phylloxera fairly well. It produces a fair crop of valuable grapes which produce good wine. In France it is much less resistant than in America. In some parts of this country Lenoir has survived the attacks of the phylloxera for twenty years in places where the Vinifera grapes have entirely died out. This grape does not grow well from cuttings and only rooted vines should be planted in the vineyard. Requires heavy and clay soils. In France this variety is also known as Jacque. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, \$1.00; per 100, \$3.50; per 1000, \$25.

Morvedre x Rupestris No. 1202.

This is the most promising stock for all calcareous soils of a moist nature, but it does not thrive well in calcareous dry soils. Its superiority is manifest in all deep marls as well as in all clay-lime soils underlaid with marls, and in all alluvial lime soils. It is safe for the phylloxera in all soils ex-

cept in those exceedingly gravelly. Very vigorous, supporting the graft well. Also used as a direct bearer, but is then subject to Colure. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Riparia.

This is one of the most valuable of all the resistant vines. It is highly resistant, if not the most resistant to the phylloxera, but it takes the graft exceedingly well and makes a fine union. It communicates great fertility to the European grapes and makes a first-class stock. But it is only suitable to certain localities, such as deep alluvial moist soils which never dry out during any time of the year. It may be preferably planted in all regions where irrigation is practiced and is the proper stock for raising grapes in localities where the soil is moist or even wet. The roots of the *Riparia* strike out sideways and do not go deep into the soil for moisture. It does well on moist hillsides, as for instance, in the Coast Range in California. It should, however, never be planted on dry hillsides or in places where there is underlying hardpan or gravelly dry layers. If in vineyards otherwise suited to *Riparia*, there are dry places with shallow soil, such places should always be planted with any of the *Berlandieri* or *Rupestris* varieties of hybrids. Size of cuttings, 14 inches. One- and two-year-old. Price: each, 15 cents; per 10, 50 cents; per 100, \$2.50; per 1000, \$16.00.

Riparia, a grandes feuilles.

A large-leaved variety of *Riparia*. Suitable as stock for grafting in moist places, or in river bottoms. It is a strong and vigorous grower, and one of the best of the *Riparia* varieties. Its foliage is shiny and remarkably healthy. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, \$1.00; per 100, \$3.50; per 1000, \$25.00.

Riparia, Gloire de Montpellier.

This variety, which is also known as *Portalis*, is one of the very best resistant stocks known. It is incomparable for all soils which are moist, deep, rich and mellow. It is not suited to soils which are compact, hard and dry. Its roots show a remarkable activity and growth, and require the best conditions. It is a most vigorous plant, with leaves which are inflated between the ribs. The strong nature of this vine enables it to adapt itself to conditions during which other *Riparias* would be a failure, but in order to achieve the greatest success it should be limited to such qualities of soils as are mentioned above. In such soils it is without an equal. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, \$1.00; per 100, \$3.50; per 1000, \$25.00.

Riparia, Grand Glabra.

This is also a good variety with a little different leaf from the last mentioned. The surface of the leaf is almost smooth and not inflated. It withstands the drought better than *Riparia Gloire de Montpellier*, but is otherwise less vigorous than that variety. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Riparia x Rupestris No. 101-14 (Millardet).

This is a very vigorous growing variety and takes the graft well. Suitable for limestone soils. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Riparia x Rupestris No. 3306.

This variety was raised by M. Couderc and reported by him as a strong grower, taking the graft well. Adapted to limestone soils. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Riparia x Rupestris Martin No. 3309.

A very vigorous hybrid. It partakes of the nature of *Rupestris* and does well in rocky, gravelly and calcareous soils of a comparatively dry nature. It supports the graft well. It has been tested in California, and some prefer it even to *Rupestris* St. George. It does well in compact, dry and clay soils, as well as in dry, rocky soils, provided they are not impregnated with stagnant water. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Rupestris.

This is also one of the most extensively used species for resistant stocks. It is entirely proof against the phylloxera and its nature is such that it may be planted in dry soils. A native of Texas. It is of a vigorous constitution, and unites well with the graft. *Rupestris* possesses some advantages over *Riparia*, but it is not like that variety, suitable to be grown in wet lands or soils. It remains throughout its growth of the same thickness as the graft and does not need to be supported during the first few years. *Rupestris* has given us a great number of valuable varieties and hybrids, many of which are considered as among the most desirable on which to graft. It is a strong and erect grower, and will succeed in dry and gravelly soils where other varieties fail. It differs from *Riparias* in that its roots strike deeply in the ground. It takes the grafts with great facility. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, 75 cents; per 100, \$3.00.

Rupestris des Caussettes.

An extraordinary variety of the greatest vigor. It succeeds even in light soils. Size of cuttings, 14 inches. Price: each, 25 cents; per 10, \$1.50; per 100, \$5.00.

Rupestris Metallica.

A good variety of *Rupestris*, with metallique, lead-colored leaves. Of vigorous habit and growth. Suitable to soils of dry and gravelly nature and such as are generally poor in plant food. It takes the graft well and makes a perfect union with the scion. It is almost as resistant to chlorosis as *Solonis*. Size of cuttings, 14 inches. Price: each, 25 cents; per 10, \$1.50; per 100, \$5.00.

Rupestris Martin.

This variety is considered to be a most excellent one, and is said to thrive in soils that are almost too dry for the *Rupestris* St. George. It is the most successful stock on the dry soils of the Island of Madeira. It is a great favorite with Mr. Frank T. Swett, of the Hill Girth Vineyard, Martinez, Cal. He states: "Our grafts on this stock have made a larger growth than even on *Rupestris* St. George. The diameter of the stock, however, is not quite as great. We are satisfied with both varieties, and it will take years to determine which is the best." Size of cuttings, 14 inches. Price: each, 50 cents; per 10, \$4.00.

Rupestris Mission.

This variety possesses all the good qualities of the *Rupestris* class. The same resistance to chlorosis as the main type, and as resistant to phylloxera

as the best *Riparia*. It is most excellent for grafting. Spreading habit. Size of cuttings, 14 inches. Price: each, 25 cents; per 10, \$1.50; per 100, \$5.00.

Rupestris St. George.

This variety is also known variously as *Rupestris du Lot*, *Rupestris Richter*, *Sijas*, *Lacastelle*, *Monticola X Rupestris*, *Rupestris Phenomene* and is probably a hybrid between *Monticola* and *Riparia*. It is one of the most popular varieties grown in France and California, and is almost unsurpassed in its many good qualities. Growth erect and strong with heavy wood. It succeeds in a greater variety of soils than any other resistant stock. It thrives well in light, dry and gravelly soils; its roots descending deeply in search of moisture. Does well also in soils charged with a heavy percentage of lime. It makes a good union with the graft and suckers less than any other variety. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, \$1.50; per 100, \$3.50; per 1000, \$25.00.

Solonis.

A strong, erect grower, with large foliage, doing well on either light or heavy soils, but especially suited to deep, moist and even wet soils containing stagnant water. It will do well in soils containing salt, and is the only resistant stock known which will thrive in such soils. It has been successfully grown in Santa Clara County for several years and given satisfaction. Size of cuttings, 14 inches. Price: each, 15 cents; per 10, 75 cents; per 100, \$3.00; per 1000, \$20.00.

Solonis x Riparia No. 1616.

A very strong growing variety, raised by M. Couderc. It is suitable for clay and limestone soils. Makes a good union with the graft. Size of cuttings, 8 inches. Price: each, 50 cents; per 10, \$4.00.

Solonis Robusta.

A French hybrid from a crossing between *Solonis* and *Riparia*. It is very vigorous and possesses a stronger root than the ordinary *Solonis*. It is perfectly resistant and thrives in almost all soils, even those which contain much salt and alkali. This vine may prove very valuable for the alkali bottom lands in our interior large valleys. Size of cuttings, 14 inches. Price: each, 20 cents; per 10, \$1.50; per 100, \$3.50; per 1000, \$25.

Solonis x Othello No. 1613.

A very vigorous and healthy hybrid with strong and straight growth. It supports the graft well and gives it great vigor. Recommended for bottom lands with calcareous or alkaline soil. This vine is a hybrid between *Solonis* proper and *Othello*, which latter is a hybrid between the three species *Vinifera x Labrusca x Riparia*. It partakes of the characteristics of four distinct species of vines. Size of cuttings, 8 inches. Price: each, 75 cents.

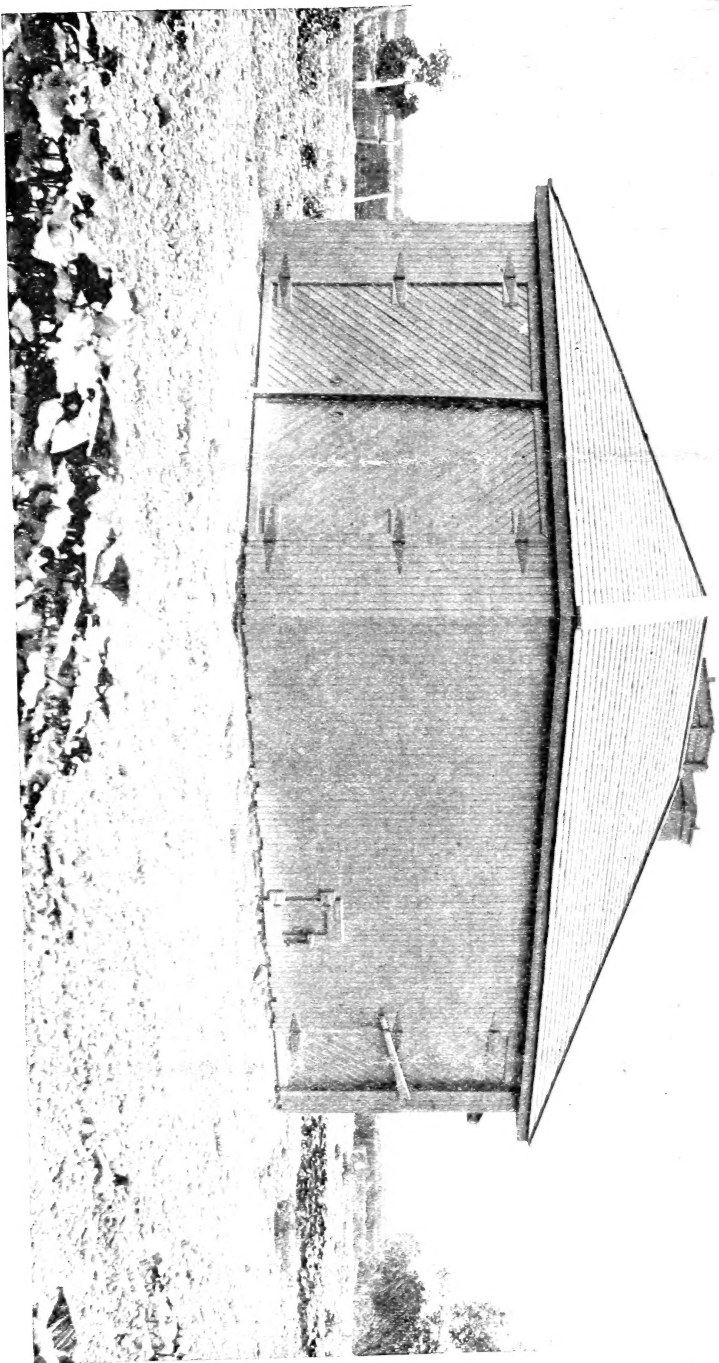
Our General Catalogue and Price-list No. 3, as well as Descriptive Catalogues, No. 1 of Fruit, etc., and No. 2, of Ornamentals, will be issued on or about December 1st.

Very Respectfully,

CALIFORNIA NURSERY COMPANY,

JOHN ROCK, Manager.

Niles, Cal., November 1, 1901.



FUMIGATING HOUSE